



Staff Report

September 9, 2021 Council Workshop Meeting

Citywide Traffic Signal Controller Upgrades Professional Services Contract Supplement

Presenter: James Carothers, Engineering Manager

Time Estimate: 5 Minutes

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BACKGROUND: The Cities of Battle Ground, Camas and Washougal have received a WSDOT administered federal grant for traffic signal controller upgrades. The purpose of this project is to increase the efficiency of traffic signals citywide and to integrate them into the Clark County Central Traffic System. Each agency is responsible for its consultant agreement for design by DKS Associates. The City of Battle Ground is the lead agency and is responsible for the advertising for bids for construction. The project was initially advertised in March 2021. The bids received exceeded the estimated construction cost by 60 percent or more. All bids were rejected and the project was scheduled to be rebid later in 2021.

SUMMARY: An analysis by DKS Associates determined that the difference between the estimated and bid construction costs was due to high vendor and contractor markup on the signal equipment. To avoid these high markup costs, DKS has proposed that the signal equipment be purchased by each City and provided to the contractor for installation. This revision requires modifications to the WSDOT grant funding agreement, revisions to the plans and specifications, and additional bidding support from DKS. The additional fees for this work for Camas have been provided by DKS and are shown in the table below.

Current DKS Professional Services Agreement	Additional DKS Fees for Rebid	Total DKS Professional Services Agreement with Supplement
\$55,250	\$8,840	\$64,090

A detailed breakdown of the additional services to be performed is attached.

Staff recommends that this item be placed on the September 20, 2021 Consent Agenda.

EQUITY CONSIDERATIONS:

What are the desired results and outcomes for this agenda item?

To receive lower bid prices that will enable the City to proceed with construction.

What's the data? What does the data tell us?

Evaluation by the design consultant indicates that high contractor mark ups on equipment cost were the cause of the high prices in the original bid.

How have communities been engaged? Are there opportunities to expand engagement?

Not applicable.

Who will benefit from, or be burdened by this agenda item?

All motorists will benefit from shorter wait times at traffic signals and added system reliability. No parties are expected to be burdened.

What are the strategies to mitigate any unintended consequences?

Coordination with Clark County will ensure that the correct models of equipment are ordered and that the County standard equipment quality control process is followed.

Does this agenda item have a differential impact on underserved populations, people living with disabilities, and/or communities of color? Please provide available data to illustrate this impact.

No

Will this agenda item improve ADA accessibilities for people with disabilities?

It will have no effect on ADA accessibility.

What potential hurdles exist in implementing this proposal (include both operational and political)?

No operational or political hurdles have been identified.

How will you ensure accountabilities, communicate, and evaluate results?

Through coordination with Clark County and the Cities of Battleground and Washougal.

How does this item support a comprehensive plan goal, policy or other adopted resolution?

Street Policy T-1.2: Support street efficiency improvements.

BUDGET IMPACT: Design expenditures are paid out of the Street Fund. It is anticipated that the overall street fund expenditures for this project will be less than if the original low bid had been awarded. Staff will report back to Council after the re-bid opening.

RECOMMENDATION: This item will be placed on the September 20, 2021 Consent Agenda for Council's consideration.